

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled).
2. (Cancelled).
3. (Cancelled).
4. (Cancelled).
5. (Cancelled).
6. (Original) A method comprising:
transmitting a signal having a first level of effective isotropic radiated power by a first wireless electronic device;
reducing a level of effective isotropic radiated power to a second level of effective isotropic radiated power if a response to the signal is received by the first wireless electronic device within a predetermined period of time.
7. (Original) The method of claim 6 further comprising:
increasing a level of effective isotropic radiated power to a third level of effective isotropic radiated power if no response to the signal is received by the first wireless electronic device within the predetermined period of time.
8. (Original) The method of claim 7, wherein the third level of effective isotropic radiated power is greater than the second level and less than the first level.
9. (Original) The method of claim 7, wherein the increase of the level of effective isotropic radiated power is performed in accordance with a logarithmic function.

10. (Original) The method of claim 6, wherein the first wireless electronic device is an access point.

11. (Original) The method of claim 6 further comprising:
increasing a level of effective isotropic radiated power to a third level of effective isotropic radiated power if no response to the signal is received by the first wireless electronic device within the predetermined period of time and after a predetermined number of retries.

12. (Original) The method of claim 7, wherein a rate of change from the first level of effective isotropic radiated power to the second level of effective isotropic radiated power is greater than a rate of change from the second level of effective isotropic radiated power to the third level of effective isotropic radiated power.

13. (Cancelled).

14. (Cancelled).

15. (Cancelled).

16. (Cancelled).

17. (New) The method of claim 6, wherein the response to the signal is a beacon from a second wireless electronic device.

18. (New) The method of claim 17, wherein the second wireless electronic device is an access point.

19. (New) The method of claim 6, wherein the response to the signal is a message from a second wireless electronic device.

20. (New) A method comprising:

transmitting a signal having a first power level by a first wireless electronic device, and;
reducing a power level to a second power level if a response to the signal is received by
the first wireless electronic device within a predetermined period of time; and

transmitting a signal having the second power level by the first wireless electronic device
if the response is received within the predetermined period of time.

21. (New) The method of claim 20 further comprising:
increasing a power level to a third power level if no response to the signal is received by
the first wireless electronic device within the predetermined period of time.

22. (New) The method of claim 21, wherein the third power level is greater than the
second power level and less than the first power level.

23. (New) The method of claim 20 further comprising:
increasing a power level of the signal having the first power level to a third power level if
no response to the signal is received by the first wireless electronic device within the
predetermined period of time and after a predetermined number of retries.

24. (New) The method of claim 21, wherein a rate of change from the first power
level to the second power level is greater than a rate of change from the second power level to
the third power level.

25. (New) A method comprising:
transmitting a first signal having a first power level by a first wireless electronic device;
and
increasing a power level for a second signal following the first signal to a second power
level if no response to the first signal is received by the first wireless electronic device within a
predetermined period of time.

26. (New) The method of claim 25 further comprising:

decreasing a power level for the second signal to a third power level if a response to the first signal is received by the first wireless electronic device within the predetermined period of time.

27. (New) The method of claim 26, wherein the second power level is greater than the first power level and the first power level is greater than the third power level.

28. (New) The method of claim 25, wherein the power level of the second signal is increased if no response to the first signal is received by the first wireless electronic device within the predetermined time and after a predetermined number of retries.

29. (New) The method of claim 26, wherein a rate of change from the first power level to the second power level is less than a rate of change from the first power level to the third power level.